

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q86052

Takashi TAKEDA, et al.

Appln. No.: 10/525,014

Group Art Unit: 1755

Confirmation No.: 5022

Examiner: Carol M. KOSLOW

Filed: February 17, 2005

For: PHOSPHOR AND VACUUM ULTRAVIOLET RADIATION EXCITED LIGHT-EMITTING  
DEVICE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

**MAIL STOP AMENDMENT**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. GB 1 254 110 A, published November 17, 1971 to Thorn Electrical Ind., Ltd.
2. JP 49-113784 A, published October 30, 1974 to (MATU) Matsushita Elec., Ind., Ltd.
3. JP 10-140149 A, published May 26, 1998 was previously filed on February 17, 2005.
4. H. Yamane, et al. "Crystal Structure and Thermal Expansion of  $\text{Ca}_2\text{Y}_2\text{Si}_2\text{O}_9$ ", Materials Research Bulletin, Vol. 33, No. 6, (1998), pp. 845-853.
5. GB 2 054 951 A, published February 18, 1981 to Philips NV.

One copy of each of the listed documents is submitted herewith.


The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Applicant encloses herewith a copy of a Supplementary European Search Report dated July 27, 2007, citing such documents and indicating the degree of relevance found by the foreign patent office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,

  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: September 10, 2007

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/525,014
				Confirmation Number	5022
				Filing Date	February 17, 2005
				First Named Inventor	Takashi TAKEDA
				Art Unit	1755
Examiner Name	Carol M. KOSLOW				
Sheet	1	of	1	Attorney Docket Number	Q86052

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
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		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		GB	1 254 110	A	11/17/1971	Thorn Electrical Ind., Ltd.	
		JP	49-113784	A	10/30/1974	(MATU) Matsushita Elec., Ind., Ltd.	
		GB	2 054 951	A	02/18/1981	Philips NV	English Abstract

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		H. Yamane, et al. "Crystal Structure and Thermal Expansion of Ca <sub>2</sub> Y <sub>2</sub> Si <sub>2</sub> O <sub>9</sub> ", Materials Research Bulletin, Vol. 33, No. 6, (1998), pp. 845-853.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or follow the hyperlink from the title of the document to the intranet. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.